

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"oxidization cell" with getter\$3	US-PGPUB; USPAT	OR	ON	2006/06/09 13:14
L2	0	"oxidization cell" with getter\$3	EPO; JPO; DERWENT	OR	ON	2006/06/09 14:54
L3	0	09/724,002	EPO; JPO; DERWENT	OR	ON	2006/06/09 13:15
L4	1	09/724,002	US-PGPUB; USPAT	OR	ON	2006/06/09 13:15
L5	1	oxidiz\$3 with cell with getter\$3	EPO; JPO; DERWENT	OR	ON	2006/06/09 13:31
L6	7	oxidiz\$3 with cell with getter\$3	US-PGPUB; USPAT	OR	ON	2006/06/09 13:55
L7	1	("4225805").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/09 13:53
L8	119	getter\$3 with (open\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2006/06/09 13:53
L9	3	getter\$3 with (open\$3 with clos\$3) with lid	US-PGPUB; USPAT	OR	ON	2006/06/09 13:54
L10	0	getter\$3 with (open\$3 with clos\$3) with lid	EPO; JPO; DERWENT	OR	ON	2006/06/09 13:54
L11	788	cell same (oxidiz\$3 oxygengetter\$3 scavenger\$3 eliminat\$3) same (open\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2006/06/09 13:58
L12	1	11 and electrolumines\$7	US-PGPUB; USPAT	OR	ON	2006/06/09 14:00
L13	443	((oxidiz\$3 getter\$3 scavenger\$3 eliminat\$3 captur\$3) with oxygen) same (open\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2006/06/09 14:00
L14	1	13 and electrolumines\$7	US-PGPUB; USPAT	OR	ON	2006/06/09 14:00
L15	415	((oxidiz\$3 getter\$3 scavenger\$3 eliminat\$3 captur\$3) with oxygen) same ((lid cover top) with (open\$3 clos\$3))	US-PGPUB; USPAT	OR	ON	2006/06/09 14:02
L16	40	((oxidiz\$3 getter\$3 scavenger\$3 eliminat\$3 captur\$3) with oxygen) same ((lid cover top) with (open\$3 clos\$3))	EPO; JPO; DERWENT	OR	ON	2006/06/09 14:01
L17	31	15 and "118"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/06/09 14:36
L18	191	15 and (substrate wafer semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2006/06/09 14:37
L19	140	15 and ((substrate wafer semiconductor workpiece) and (reactor chamber))	US-PGPUB; USPAT	OR	ON	2006/06/09 14:37
L20	117	15 and ((substrate wafer semiconductor workpiece) same (reactor chamber))	US-PGPUB; USPAT	OR	ON	2006/06/09 14:37
L21	115	15 and ((substrate wafer semiconductor workpiece) with (reactor chamber apparatus) with (coat\$3 deposit\$3 film form\$5))	US-PGPUB; USPAT	OR	ON	2006/06/09 14:50
L22	618	(204/206).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/09 14:51
L23	141	22 and oxid\$7	US-PGPUB; USPAT	OR	ON	2006/06/09 14:51
L24	14	22 and (oxid\$7 same (scavenger\$4 eliminat\$4 getter\$4))	US-PGPUB; USPAT	OR	ON	2006/06/09 14:52
L25	773	oxygen with getter\$3	EPO; JPO; DERWENT	OR	ON	2006/06/09 14:54
L26	3	oxygen with getter\$3 with (container cell) with (open\$3 clos\$3)	EPO; JPO; DERWENT	OR	ON	2006/06/09 15:03

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L27	5	oxygen with getter\$3 with (container cell) with (open\$3 dos\$3)	US-PGPUB; USPAT	OR	ON	2006/06/09 15:03
L28	5	oxygen with getter\$3 with (holder container cell) with (open\$3 dos\$3)	US-PGPUB; USPAT	OR	ON	2006/06/09 15:08
L29	185	getter\$3 with (holder container cell) with (open\$3 dos\$3)	US-PGPUB; USPAT	OR	ON	2006/06/09 15:08
L30	11	getter\$3 with (holder container cell) with (open\$3 dos\$3) with (lid cover)	US-PGPUB; USPAT	OR	ON	2006/06/09 15:09
S1	0	"118"/\$.ccls. and (spin with (coat\$3 deposit\$3) with atmospher\$3 with inert)	US-PGPUB; USPAT	OR	ON	2003/07/02 15:02
S2	0	c23c016\$.ipc. and (spin with (coat\$3 deposit\$3) with atmospher\$3 with inert)	EPO; JPO; DERWENT	OR	ON	2003/07/02 14:45
S3	3	"118"/\$.ccls. and (spin same (coat\$3 deposit\$3) same atmospher\$3 same inert)	US-PGPUB; USPAT	OR	ON	2003/07/02 14:46
S4	6	"118"/\$.ccls. and (spin same (coat\$3 deposit\$3) same pressure same inert)	US-PGPUB; USPAT	OR	ON	2003/07/02 14:46
S5	2	"118"/\$.ccls. and (spin same (coat\$3 deposit\$3) same pressure same inert same nozzle)	US-PGPUB; USPAT	OR	ON	2003/07/02 14:55
S6	13	("5817366") or ("6132280") or ("5972183") or ("6299746") or ("5935395") or ("6049167") or ("6333065") or ("6001413") or ("4405487") or ("6319321") or ("5310410") or ("6149392") or ("3931789").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/07/02 14:57
S7	0	"118"/\$.ccls. and ((getter dessicant) with lid)	US-PGPUB; USPAT	OR	ON	2003/07/02 15:06
S8	3	"118"/\$.ccls. and ((getter dessicant) with (cover top))	US-PGPUB; USPAT	OR	ON	2003/07/02 15:03
S9	30	("3203901"   "3662522"   "3780501"   "3820919"   "3892650"   "3926832"   "4062319"   "4071335"   "4137012"   "4181161"   "4269624"   "4306515"   "4306887"   "4312669"   "4405487"   "4428856"   "4449373"   "4460673"   "4479361"   "4515528"   "4571158"   "4704301"   "4907948"   "5015226"   "5238469"   "5242559"   "5254096"   "5320496"   "5340460"   "5357760").PN.	USPAT	OR	ON	2003/07/02 15:03
S10	450	((getter dessicant) with (cover top lid))	US-PGPUB; USPAT	OR	ON	2004/09/29 17:56
S11	82	((getter dessicant) with (cover top lid) with seal\$3)	US-PGPUB; USPAT	OR	ON	2003/07/02 15:08
S12	29	((getter dessicant) with (cover top lid) with seal\$3)	EPO; JPO; DERWENT	OR	ON	2003/07/02 15:27
S13	82	((getter dessicant) with (cover top lid) with seal\$3)	US-PGPUB; USPAT	OR	ON	2004/09/29 17:56
S14	1355	118/719.ccls.	US-PGPUB; USPAT	OR	ON	2004/03/05 14:40
S15	86	118/719.ccls. and @pd>="20030701"	US-PGPUB; USPAT	OR	ON	2004/03/05 14:40
S16	106	((getter dessicant) with (cover top lid) with seal\$3)	US-PGPUB; USPAT	OR	ON	2004/09/29 17:56
S17	540	((getter dessicant) with (cover top lid))	US-PGPUB; USPAT	OR	ON	2004/09/29 17:58
S18	1298	(yamazaki-shunpei.in. konuma-toshimitsu.in. fukunaga-takeshi.in.) and (oxidiz\$3 oxida\$4)	US-PGPUB; USPAT	OR	ON	2004/09/29 18:02
S19	438	(yamazaki-shunpei.in. konuma-toshimitsu.in. fukunaga-takeshi.in.) and ((oxidiz\$3 oxida\$4) with element)	US-PGPUB; USPAT	OR	ON	2004/09/29 18:02
S20	78	(yamazaki-shunpei.in. konuma-toshimitsu.in. fukunaga-takeshi.in.) and ((oxidiz\$3 oxida\$4) with element with "group 1" "group 2")	US-PGPUB; USPAT	OR	ON	2004/09/29 18:03

## EAST Search History

S21	1	("5821014").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/30 13:40
S22	1	("5242770").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/30 13:47
S43	1	("6319321").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/15 13:15
S44	0	("118"/\$.ccds.) and (liquid with phase with (deposit\$3 coat\$3) with (getter))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:00
S45	0	("118"/\$.ccds.) and (spin with (deposit\$3 coat\$3) with (getter))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:00
S46	0	("118"/\$.ccds.) and (oxidi\$5 with (deposit\$3 coat\$3) with (getter))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:00
S47	1266	((oxidi\$5 getter\$3) with (deposit\$3 coat\$3) with (liquid spin))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:01
S48	50	((getter\$3) with (deposit\$3 coat\$3) with (liquid spin))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:01
S49	45	S47 and electroluminesc\$5	US-PGPUB; USPAT	OR	ON	2005/06/27 13:08
S50	0	(liquid with (coat\$3 deposit\$3) with chamber with getter)	US-PGPUB; USPAT	OR	ON	2005/06/27 13:08
S51	0	(spin with (coat\$3 deposit\$3) with chamber with getter)	US-PGPUB; USPAT	OR	ON	2005/06/27 13:09
S52	16	((liquid spin) with (coat\$3 deposit\$3) with chamber with (getter oxidiz\$3 oxidat\$3) with (oxygen particulate debris water vapor))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:23
S53	14	((liquid spin) with (coat\$3 deposit\$3) with chamber with (getter oxidiz\$3 oxidat\$3) with (oxygen particulate debris water vapor))	EPO; JPO; DERWENT	OR	ON	2005/06/27 13:11
S54	1	("6319321").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/27 13:23
S55	12	("4184188"   "4207356"   "4300272"   "4596852"   "4651674"   "4687939"   "4977855"   "5097800"   "5514852"   "5597661"   "5614447"   "5705044").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 13:23
S56	5	("6319321").URPN.	USPAT	OR	ON	2005/06/27 13:34
S57	29	(c23c016\$.ipc.) and (oxygen with getter\$3)	USPAT	OR	ON	2005/06/27 13:36
S58	9	(c23c016\$.ipc.) and (oxygen with getter\$3)	EPO; JPO; DERWENT	OR	ON	2005/06/27 14:36
S59	6	("118"/\$.ccds. "427"/\$.ccds.) and (oxygen with getter\$3)	EPO; JPO; DERWENT	OR	ON	2005/06/27 13:41
S60	150	("118"/\$.ccds. "427"/\$.ccds.) and (oxygen with getter\$3)	US-PGPUB; USPAT	OR	ON	2005/06/27 13:50
S61	29	("118"/\$.ccds. "427"/\$.ccds.) and (oxygen with getter\$3 with (hydrogen lithium sodium potassium rubidium cesium francium beryllium magnesium calcium strontium barium radium))	US-PGPUB; USPAT	OR	ON	2005/06/27 13:43
S62	121	S60 not S61	US-PGPUB; USPAT	OR	ON	2005/06/28 11:58
S63	7	(spin with (coat\$3 deposit\$3)) same (oxygen with getter\$3)	US-PGPUB; USPAT	OR	ON	2005/06/27 14:06
S64	445	(spin with (coat\$3 deposit\$3)) same ((remov\$3 reduc\$3 prevent\$3) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/27 14:07
S65	16	(spin with (coat\$3 deposit\$3)) same ((remov\$3 reduc\$3 prevent\$3) with oxygen with (oxidiz\$3 oxidat\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 14:11
S66	1	(spin with (coat\$3 deposit\$3)) same ((remov\$3 reduc\$3 prevent\$3) with oxygen with (oxidiz\$3 oxidat\$3))	EPO; JPO; DERWENT	OR	ON	2005/06/27 14:11

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S67	12	("4471949"   "4522660"   "5137755"   "5167716"   "5307568"   "5458688"   "5518771"   "5527561"   "5556275"   "5711811"   "5897311"   "5932289").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 14:20
S68	9	("3708248"   "3966433"   "4118542"   "5024675"   "5161955"   "5404219"   "5440575"   "5942057"   "6289033").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 14:27
S69	5	("4915905"   "5284620"   "5354351"   "5372663"   "5545265").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 14:31
S70	0	("6635116").URPN.	USPAT	OR	ON	2005/06/27 14:32
S71	97	(remov\$3 with oxygen with getter\$3)	EPO; JPO; DERWENT	OR	ON	2005/06/27 14:36
S72	1	(remov\$3 with oxygen with getter\$3) and ((spin liquid) with (coat\$3 deposit\$3 (film with form\$3)))	EPO; JPO; DERWENT	OR	ON	2005/06/27 14:38
S73	13	(remov\$3 with oxygen with getter\$3) and ((spin liquid) )	EPO; JPO; DERWENT	OR	ON	2005/06/27 14:41
S74	224	(remov\$3 with oxygen with getter\$3) and ((spin liquid) )	US-PGPUB; USPAT	OR	ON	2005/06/27 14:41
S75	21	(remov\$3 with oxygen with getter\$3) same ((spin liquid) )	US-PGPUB; USPAT	OR	ON	2005/06/27 14:41
S76	4	("5833738").URPN.	USPAT	OR	ON	2005/06/27 14:43
S77	16	("4564509").URPN.	USPAT	OR	ON	2005/06/27 14:55
S78	52	118/715-733.ccls. and (cluster and spin)	US-PGPUB; USPAT	OR	ON	2005/06/27 15:15
S79	4985	(liquid with (film with (form\$3 coat\$3 deposit\$3)) coat\$3 deposit\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. (cluster with (tool apparatus)))	US-PGPUB; USPAT	OR	ON	2005/06/27 15:21
S80	3753	(liquid with (film with (form\$3 coat\$3 deposit\$3)) coat\$3 deposit\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. (cluster adj (tool apparatus)))	US-PGPUB; USPAT	OR	ON	2005/06/27 15:21
S81	120	((liquid) with ((film with (form\$3 coat\$3 deposit\$3)) coat\$3 deposit\$3) with chamber) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. (cluster adj (tool apparatus)))	US-PGPUB; USPAT	OR	ON	2005/06/27 15:48
S82	14	cluster and (liquid with deposit\$3) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.)	US-PGPUB; USPAT	OR	ON	2005/06/27 15:49
S83	61	(cluster with (tool apparatus)) and spin with coater	US-PGPUB; USPAT	OR	ON	2005/06/27 16:45
S84	20	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls. ) and spin with coater	US-PGPUB; USPAT	OR	ON	2005/06/27 16:46
S85	63	("5135608").URPN.	USPAT	OR	ON	2005/06/27 17:37
S86	4	(liquid with deposition with getter)	USPAT	OR	ON	2005/06/27 17:39
S87	0	(spin with deposition with getter)	USPAT	OR	ON	2005/06/27 17:38
S88	2	(spin with deposition with getter)	US-PGPUB; USPAT	OR	ON	2005/06/27 17:38
S89	6	(liquid with deposition with getter)	US-PGPUB; USPAT	OR	ON	2005/06/27 17:39
S90	3	(liquid with deposition with getter)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:40
S91	225219	(spin with deposition with prevent\$3 oxidation)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:40
S92	0	(spin with deposition with prevent\$3 with oxidation)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:41
S93	3	(spin with deposition with prevent\$3 with oxid\$7)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:41

## EAST Search History

S94	0	"118"/\$.cds. and ((spin\$3 centrifug\$3) with remov\$3 with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:42
S95	0	"118"/\$.cds. and ((spin\$3 centrifug\$3) with remov\$3 with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:43
S96	0	"118"/\$.cds. and ((spin\$3 centrifug\$3) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:43
S97	15	"118"/\$.cds. and ((spin\$3 centrifug\$3) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/27 17:55
S98	4	"118"/\$.cds. and ((spin\$3 centrifug\$3) with control\$3 with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/27 17:46
S99	99	((spin\$3 centrifug\$3) with control\$3 with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/27 17:46
S100	84	"118"/\$.cds. and (control\$4 with concentration with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/27 18:07
S101	67	c23c016\$.ipc. and (control\$4 with concentration with oxygen)	US-PGPUB; USPAT	OR	ON	2005/06/27 17:56
S102	21	c23c016\$.ipc. and (control\$4 with concentration with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/06/27 18:07
S103	0	c23c016\$.ipc. and (spin\$3 with control\$4 with concentration with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/06/27 17:57
S104	0	S100 and spin	EPO; JPO; DERWENT	OR	ON	2005/06/27 18:07
S105	30	S100 and spin	US-PGPUB; USPAT	OR	ON	2005/06/28 10:39
S106	1	("6017820").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/28 10:44
S107	39	(chamber near1 (coat\$3 deposit\$4)) with ((mechanism device) with (oxidiz\$3 oxidat\$3))	US-PGPUB; USPAT	OR	ON	2005/06/28 10:46
S108	13	(chamber near1 (coat\$3 deposit\$4)) with ((mechanism device) with (oxidiz\$3 oxidat\$3))	EPO; JPO; DERWENT	OR	ON	2005/06/28 11:09
S109	13	("4545115").URPN.	USPAT	OR	ON	2005/06/28 11:00
S110	14	(oxygen with getter\$3) and electroluminescent\$3	EPO; JPO; DERWENT	OR	ON	2005/06/28 11:13
S111	99	(oxygen with getter\$3) and electroluminescent\$3	US-PGPUB; USPAT	OR	ON	2005/06/28 11:56
S112	150	(oxygen with getter\$3) and ("118"/\$.cds. "427"/\$.cds.)	US-PGPUB; USPAT	OR	ON	2005/06/28 11:57
S113	9	("3708248"   "3966433"   "4118542"   "5024675"   "5161955"   "5404219"   "5440575"   "5942057"   "6289033").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 12:06
S114	5	polymer\$4 with (deposit\$3 coat\$3) same (oxygen with getter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 12:07
S115	5	(polymer\$4 with (deposit\$3 coat\$3)) same (oxygen with getter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 12:09
S116	1017	((high with molecular) polymer\$4) with (deposit\$3 coat\$3)) same (oxygen with (control\$3 remov\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 12:11
S117	1022	((((high with molecular) polymer\$4) with (deposit\$3 coat\$3)) same (oxygen with (control\$3 remov\$3 getter\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 12:12
S118	155	((((high with molecular) polymer\$4) with (deposit\$3 coat\$3)) same (oxygen with (control\$3 remov\$3 getter\$3)))	EPO; JPO; DERWENT	OR	ON	2005/06/28 12:12

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S11 9	0	((high with molecular) polymer\$4) with (deposit\$3 coat\$3)) same (oxygen with (control\$3 remov\$3 getter\$3)) and electroluminescent\$4	EPO; JPO; DERWENT	OR	ON	2005/06/28 12:12
S12 0	18	((high with molecular) polymer\$4) with (deposit\$3 coat\$3)) same (oxygen with (control\$3 remov\$3 getter\$3)) and electroluminescent\$4	US-PGPUB; USPAT	OR	ON	2005/06/28 12:12
S12 1	2335	((remov\$3 reduc\$3) with oxygen) same (electroluminesc\$4 (liquid with phase) (liquid with film) (liquid with layer))	US-PGPUB; USPAT	OR	ON	2005/07/11 07:55
S12 2	2578	((remov\$3 reduc\$3) with oxygen) same (electroluminesc\$4 (liquid with phase) (liquid with film) (liquid with layer) (liquid with coat\$3) (liquid with deposit\$3))	US-PGPUB; USPAT	OR	ON	2005/07/11 08:08
S12 3	2485	((remov\$3 reduc\$3) with oxygen) same (electroluminesc\$4 (liquid with phase) (liquid with film) (liquid with layer) (liquid with coat\$3) (liquid with deposit\$3) same chamber)	US-PGPUB; USPAT	OR	ON	2005/07/11 07:56
S12 4	15	((remov\$3 reduc\$3) near2 oxygen) with chamber) same (electroluminesc\$4 (liquid with phase) (liquid with film) (liquid with layer) (liquid with coat\$3) (liquid with deposit\$3) )	US-PGPUB; USPAT	OR	ON	2005/07/11 07:59
S12 5	7	((remov\$3 reduc\$3) near2 oxygen) with chamber) same (electroluminesc\$4 (liquid with phase) (liquid with film) (liquid with layer) (liquid with coat\$3) (liquid with deposit\$3) )	EPO; JPO; DERWENT	OR	ON	2005/07/11 08:02
S12 6	0	"118"/\$.clds. and ((reduc\$4 with oxygen with content) same (liquid adj phase))	EPO; JPO; DERWENT	OR	ON	2005/07/11 08:03
S12 7	0	"118"/\$.clds. and ((reduc\$4 with oxygen ) same (liquid adj phase))	EPO; JPO; DERWENT	OR	ON	2005/07/11 08:03
S12 8	1	"118"/\$.clds. and ((reduc\$4 with oxygen ) same (liquid adj phase))	US-PGPUB; USPAT	OR	ON	2005/07/11 08:04
S12 9	3	"118"/\$.clds. and (((reduc\$4 control\$3 remov\$3) with oxygen ) same (liquid adj phase))	US-PGPUB; USPAT	OR	ON	2005/07/11 08:09
S13 0	462	((reduc\$4 control\$3 remov\$3) with oxygen ) same (liquid adj phase))	EPO; JPO; DERWENT	OR	ON	2005/07/11 08:07
S13 1	2	((reduc\$4 control\$3 remov\$3) with oxygen ) same (liquid adj phase)) and electroluminescen\$4	EPO; JPO; DERWENT	OR	ON	2005/07/11 08:07
S13 2	67	(oxidation adj cell) and ((liquid with phase) (liquid with film) (liquid with layer) (liquid with coat\$3) (liquid with deposit\$3))	US-PGPUB; USPAT	OR	ON	2005/07/11 08:10
S13 3	1	"118"/\$.clds. and (oxidation adj cell)	US-PGPUB; USPAT	OR	ON	2005/07/11 08:09
S13 4	67	("oxidation cell") and ((liquid with phase) (liquid with film) (liquid with layer) (liquid with coat\$3) (liquid with deposit\$3))	US-PGPUB; USPAT	OR	ON	2005/07/11 08:10
S13 5	1	("oxidation cell") and electroluminescen\$4	US-PGPUB; USPAT	OR	ON	2005/07/11 08:11
S13 6	38	(oxygen with (before prior) with expos\$4) and electroluminescen\$4	US-PGPUB; USPAT	OR	ON	2005/07/11 08:26
S13 7	6	electroluminescen\$4 with (deposit\$4 coat\$4 ) with (control\$3 reduc\$4 remov\$4) with oxygen	US-PGPUB; USPAT	OR	ON	2005/07/11 08:29
S13 8	26	(liquid adj phase) with (deposit\$4 coat\$4 ) with (control\$3 reduc\$4 remov\$4) with oxygen	US-PGPUB; USPAT	OR	ON	2005/07/11 08:34
S13 9	51	(polymer with (coat\$3 deposit\$3) with chamber) same ((remov\$3 reduc\$3 monitor\$4 control\$4 getter\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 08:39
S14 0	523	((spin\$3 centrifugal\$4) with (coat\$3 deposit\$3)) same ((remov\$3 reduc\$3 monitor\$4 control\$4 getter\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 08:40
S14 1	515	((spin\$3 centrifugal\$4) with (coat\$3 deposit\$3)) same ((remov\$3 reduc\$3 control\$4 getter\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 08:40
S14 2	13	((spin\$3 centrifugal\$4) with (coat\$3 deposit\$3)) same ((remov\$3 reduc\$3 control\$4 getter\$4) with oxygen with (before prior))	US-PGPUB; USPAT	OR	ON	2005/07/11 08:42

## EAST Search History

S14 3	20	((spin\$3 centrifugal\$4) with (coat\$3 deposit\$3) with chamber with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 08:45
S14 4	2	"11017006"	JPO; DERWENT	OR	ON	2005/07/11 08:47
S14 5	1	("6150284").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/11 08:47
S14 6	3	("5079221"   "5284779"   "5415889").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 08:53
S14 7	2	("polyparaphenylene vinylene" "polyvinyl carbazole" polyfluorene polythiophene polyaniline) with getter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 08:55
S14 8	32	(electrolumescen\$4 with ("polyparaphenylene vinylene" "polyvinyl carbazole" polyfluorene polythiophene polyaniline)) and ((getter\$3 remov\$3 reduc\$3) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:03
S14 9	1	(electrolumescen\$4 with ("polyparaphenylene vinylene" "polyvinyl carbazole" polyfluorene polythiophene polyaniline)) and ((getter\$3 remov\$3 reduc\$3) with oxygen)	JPO; DERWENT	OR	ON	2005/07/11 08:56
S15 0	4116	"spin coater"	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:03
S15 1	6	"spin coater" with getter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:05
S15 2	620	"spin coater" and ((remov\$4 reduc\$4 control\$4 getter\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:39
S15 3	32	"spin coater" same ((remov\$4 reduc\$4 control\$4 getter\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:12
S15 4	1	("6261365").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/11 09:12
S15 5	6	("3369989"   "5120634"   "5501739"   "5578127"   "5993546").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:19
S15 6	2	S155 and oxygen	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:20
S15 7	1	S155 and (oxidat\$3 oxidiz\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:24
S15 8	27	"spin coater" and ((scaveng\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 09:55
S15 9	0	((deposit\$3 coat\$3) with chamber with liquid) same ((scaveng\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:12
S16 0	0	((deposit\$3 coat\$3) with chamber with liquid) same ((scaveng\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 09:56
S16 1	1	((deposit\$3 coat\$3) with chamber ) same ((scaveng\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 09:56
S16 2	19	((deposit\$3 coat\$3) with chamber ) same ((scaveng\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 09:56
S16 3	4	("5837361"   "6010614"   "6398925"   "6540884").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:04

## EAST Search History

S16 4	4	S163 and (oxygen oxidiz\$5 oxid\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:07
S16 5	4	siddle-john-r\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:07
S16 6	0	(electroluminescen\$4 with chamber) same ((scaveng\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:12
S16 7	0	(electroluminescen\$4 ) same ((scaveng\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:12
S16 8	0	(electroluminescen\$4 ) same ((scaveng\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 10:14
S16 9	0	("polyparaphenylene vinylene" "polyvinyl carbazole" polyfluorene polythiophene polyaniline) same ((scaveng\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 10:13
S17 0	2	("polyparaphenylene vinylene" "polyvinyl carbazole" polyfluorene polythiophene polyaniline) and ((scaveng\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 10:13
S17 1	1	(electroluminescen\$4 ) and ((scaveng\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 10:14
S17 2	51	(electroluminescen\$4 ) and ((scaveng\$4) with oxygen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/11 10:14
S17 3	51	(electroluminescen\$4 ) and ((scaveng\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 10:30
S17 4	81	((deposit\$3 coat\$3) with (atmosphere chamber) with (getter\$3 scaveng\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 10:44
S17 5	15	118/52.ccls. and ((getter\$3 scaveng\$3 remov\$4 reduc\$4) with oxygen)	US-PGPUB; USPAT	OR	ON	2005/07/11 10:50
S17 6	91	(spin\$3 with coat\$3) and ((getter\$3 scaveng\$3 remov\$4 reduc\$4) with oxygen)	EPO; JPO; DERWENT	OR	ON	2005/07/11 10:50
S17 7	72	(US-20010005546-\$ or US-20010046786-\$ or US-20020149096-\$ or US-20020175284-\$ or US-20040248429-\$).did. or (US-3847643-\$ or US-3931789-\$ or US-4013040-\$ or US-4055686-\$ or US-4225805-\$ or US-4287224-\$ or US-4294867-\$ or US-4405487-\$ or US-4455998-\$ or US-4471949-\$ or US-4522660-\$ or US-4545115-\$ or US-4845043-\$ or US-5024675-\$ or US-5135608-\$ or US-5155299-\$ or US-5254216-\$ or US-5310410-\$ or US-5411593-\$ or US-5431964-\$ or US-5433780-\$ or US-5501739-\$ or US-5597518-\$ or US-5616061-\$ or US-5656555-\$ or US-5659129-\$).did. or (US-5769952-\$ or US-5817366-\$ or US-5820679-\$ or US-5863338-\$ or US-5902689-\$ or US-5935395-\$ or US-5942057-\$ or US-5972183-\$ or US-5993546-\$ or US-6001413-\$ or US-6006582-\$ or US-6017820-\$ or US-6049167-\$ or US-6124215-\$ or US-6132280-\$ or US-6149392-\$ or US-6150284-\$ or US-6207005-\$ or US-6224638-\$ or US-6261365-\$ or US-6299746-\$ or US-6319321-\$ or US-6333065-\$ or US-6451182-\$ or US-6465055-\$ or US-6465953-\$ or US-6491518-\$).did. or (US-6624083-\$ or US-6635116-\$ or US-6653212-\$ or US-6673155-\$ or US-6716323-\$).did. or (JP-04324236-\$ or JP-08003723-\$ or JP-60215757-\$).did. or (CA-832288-\$ or GB-2077497-\$ or JP-04134252-\$ or SU-1770088-\$ or WO-9935681-\$ or JP-2001223077-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/12/24 03:20
S17 8	1	("6750462").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/29 12:11



## EAST Search History

S17 9	7	((("6402301") or ("6517193") or ("6502930") or ("6533399") or ("6412921") or ("5091339") or ("5173442"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/29 12:38
S18 0	1	("6921462").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/29 12:46
S18 1	0	"mems".in.	US-PGPUB; USPAT	OR	ON	2005/12/29 12:46
S18 2	0	"mems"" .ti"	US-PGPUB; USPAT	OR	ON	2005/12/29 12:46
S18 3	0	"mems"" .ti."	US-PGPUB; USPAT	OR	ON	2005/12/29 12:47
S18 4	1254	mems.ti.	US-PGPUB; USPAT	OR	ON	2005/12/29 12:47